

# PROMIST 1

Mini Compressor Nebulizer

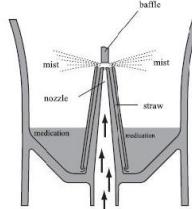
## STATEMENT

- Thank you for choosing our product.
- To make sure the user has used it properly, please read the Manual carefully before operating.
- Store the Manual properly in a convenient place to read.
- The company is not responsible for any damage due to operations that are not in accordance with the instructions in the Manual.
- The company guarantees product feasibility in accordance with National Standards.
- The company owns the copyright to the Manual Book

## 1. Introduction

Principle of use:

The compressor and nebulizer components can convert the medicinal liquid into small particles by compressing the air, as shown in Figure 1. Referring to the Venturi Effect, when the compressed air produced by the compressor comes out of the nozzle under the baffle, negative pressure is formed between the nozzle and the straw to suck up the medicinal liquid to the top. The medicinal liquid will be sucked up into the baffles to form fine vapor particles and spread outward.



Picture 1

The intended use:

The Mini Compressor Nebulizer converts medicinal liquid into vapor, which can be easily inhaled and entered into the respiratory system to treat acute and chronic respiratory ailments such as tracheitis, bronchitis, laryngitis and asthma. Treatment using this method can be used based on the doctor's advice, follow the doctor's instructions. This device can be used for the treatment of patients who are conscious and able to breathe without a breathing apparatus. This device can be used in hospitals, clinics, etc.

## 2. Note

### ⚠ Warning

- Warn the user against dangerous or unsafe operations that could result in death, personal injury or property damage

Attention

- For further description or specification information, please read the notes in the manual carefully.

### ⚠ Warning

- Follow the doctor's directions for type of treatment, dosage and use. Medicines in capsule form or high viscosity levels cannot be used in this device. Doing so will worsen symptoms of the disease or cause the device to malfunction.
- To avoid transmission, the accessories of this device are made disposable.
- Do not use leftover medication, change to a new drug after each treatment, or a bacterial infection will develop which can cause a change in symptoms.
- Do not use the device if the ambient temperature exceeds 40°C because it can cause injury to the nasal mucosa or cause damage to the device.
- Make sure the air hose is not rigid during use, do not cover the air access on the hose to prevent damage to the device.
- Do not clean the device or immerse it in water or store it in a damp place as this may cause damage to the device.
- Clean the device after use, dry it immediately to avoid infection due to bacteria.
- Keep out of reach of children or patients with psychiatric disorders, to avoid accidents such as swallowing.
- Pay attention to the position of the air tube so that it does not get caught around the children's neck.
- Do not place the device where it may be dropped or pulled in the bathtub, submerged or near water. Do not use it while showering, if the device has been dropped in water, do not touch the device when it is wet and immediately remove the power source.
- Before using, make sure that the environment is in accordance with the requirements for use in the manual, make sure that the voltage range is in accordance with the label on the product.
- Do not block the product's air passage, as this will increase the temperature of the device and cause damage.

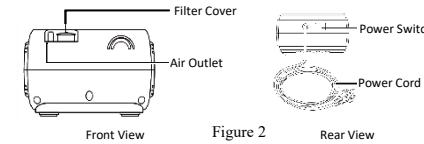
Attention

- Child users must be under adult supervision.
- Keep out of reach of children and pets.
- Before use, check the components to make sure the installation is correct, all components must be connected firmly and correctly.
- Change the filter when it is dirty, wet or discolored and has been used for more than 60 days.
- The volume of the drug liquid should not exceed the maximum limit for the nebulizer cup and should not be less than 2 ml.
- Do not drop or bump the device and nebulizer cup.
- Do not hold the power cord close to the device while it is in use.
- Do not cover the device when in use to prevent overheating.
- Do not block the filter cover when using the device.
- Disconnect the power source when carrying out repairs or maintenance.
- Empty the nebulizer cup before storing or carrying it.

- Observe government regulations regarding the waste of used equipment and accessories.
- This product cannot be used as a moisturizer for the larynx and nasal cavity.
- This product works using air. Do not use around flammable anesthetic mixtures or in areas that are flammable.
- Not recommended for use as an anesthetic via the respiratory system and ventilators.
- For comatose or unconscious patients, the device should be used under a doctor's supervision.
- Use with caution for patients with acute asthma, acute respiratory distress, and hemoptysis.
- If side effects occur in the patient, stop use immediately; consult a doctor for further action.
- Use must be accompanied by a doctor's instructions. Patients with trauma to the face and mouth should not use this device.
- Do not tilt the nebulizer cup more than 45 degrees, and do not shake the nebulizer cup during use.
- Do not use accessories when there is damage to the packaging or accessories have expired.
- For users who have not mastered, contact the company or distributor if there is an error or damage during installation, use or maintenance.
- If there is any damage (including the power cord), the device has been dropped or submerged in water. Don't use it right away, contact the service center.
- This product does not affect nearby electronic devices; however, do not use the device in areas with high electromagnetic interference.
- If needed, you can contact the company for maintenance and repair purposes.
- The maximum capacity for product operation is 1 hour.
- *Life span* This product is 2 years old.
- Year of manufacture, stated on the label.
- Upon request, our company can provide, with compensation, the necessary circuit diagrams, a calibration illustration list and other information to assist a qualified technician to maintain and repair some parts, which the company can define as work that users can perform.

## 3. Explanation Part

Device Structure (Figure 2)



Accessories

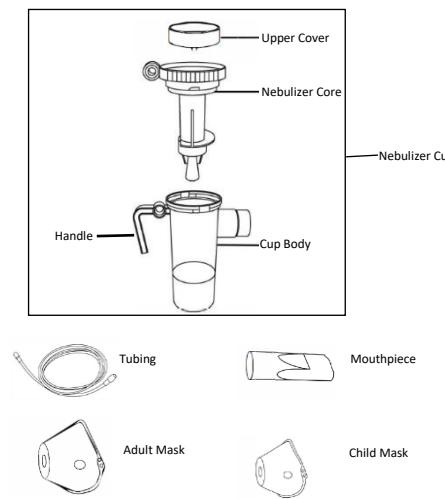


Figure 3

## 4. Operation Way

Note: Check all components and accessories before use to make sure there is no damage. Please follow the following instructions for use to avoid damage to the device.

1. Place the device on a flat and stable place. Check the power switch, make sure it is in the OFF "O" position. Then connect the cable to the power source.

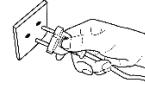


Figure 4

2. Connect the hose to the air outlet of the device, making sure it is properly attached.



Figure 5

3. Open the top cover of the cup, turn the nebulizer core counterclockwise to remove.

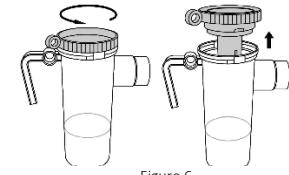


Figure 6

4. Put the medicinal liquid into the cup, and make sure the medicinal liquid does not exceed the maximum limit.

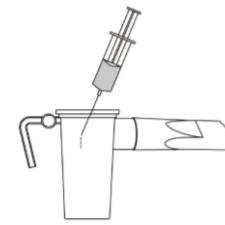


Figure 7

5. Put the nebulizer core back on the cup, turn it clockwise then put the top cover on the cup.

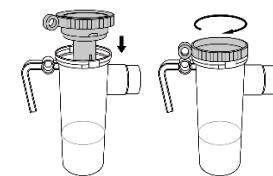


Figure 8

6. Connect the cup with a mouthpiece or mask (adult or child).

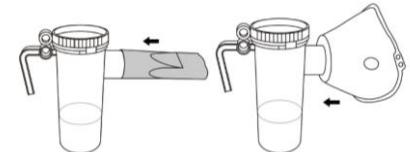


Figure 9

7. Connect the bottom of the cup to the water inlet using a hose then turn on the device by changing the power switch to "I" Then the device will be ON and usable.

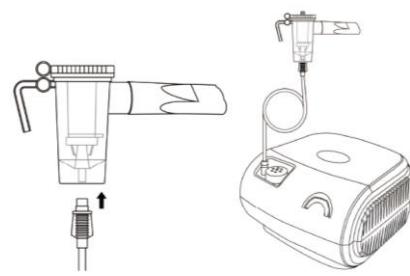


Figure 10

8. Start inhaling the vapor. Make sure the cup is facing upwards when using it. When using a mouthpiece, exhale through the mouth in a relaxed state. When using a mask, make sure the mouth and nose area is covered by the mask, do some breathing through the nose in a relaxed condition. Repeat the inhalation as above until all the medicine has evaporated.



Figure 11

9. When the medicinal liquid has completely evaporated, push the switch to the OFF "O" position and disconnect the power cord from the power source.

TECHNICAL SPECIFICATIONS	
Model	PROMIST 1
Power Supply	AC 220 V, 50 Hz
Power Consumed	<150 VA
Noise Level	≤65 dB (A)
Compressor Pressure Range	35 Psi ~ 50 Psi (241 kpa ~ 345 kpa)
Operating Pressure Range	9 ~ 16 Psi (62 kpa ~ 110 kpa)
Flow Rate Range	>8 L / min
Particle Size (MMAD)	3 micron
Cup Capacity	2 ~ 8 ml
Dimensions	165 mm(L) x 160 mm(W) x 100 mm(H)
Weight	1,3 kg
Normal Operating	Ambient Temperature +10°C ~ +40°C
	Relative humidity 30% RH ~ 85% RH
	Atmospheric Pressure 800 hPa ~ 1050 hPa
Transport Operating	Ambient Temperature -20°C ~ +70°C
	Relative humidity ≤95%
	Atmospheric Pressure 800 hPa ~ 1050 hPa

**Note:** This product does not affect nearby electronic devices; however, do not use the device in areas with high electromagnetic interference.

## 5. Care, Transport and Storage

### 5.1 Cleaning and disinfection

#### Device Cleaning

Use medical alcohol (75%) to clean the surface of the device, air dry or dry using a dry cloth, store in a clean and dry place.

#### Cleaning and disinfection of accessories

Put the accessories to be disinfected in a container that has been filled with ethanol (75%) solution, close the container and let the accessories soak for more than 10 minutes, remove the accessories, and rinse with clean water to remove any residual disinfectant. Inhalation of the disinfectant will make the patient worse. After cleaning, dry with a dry cloth or air dry, put the nebulizer cup back together and store it in a clean, dry place.

**Note:** Do not use boiling water for disinfection, which will deform or deform.

### 5.2 Filter Replacement

Replace filter when dirty, wet, discolored or have not been replaced in 60 days. Pull out the filter cover, take out the old filter and insert the new one, then put the filter cover back on.

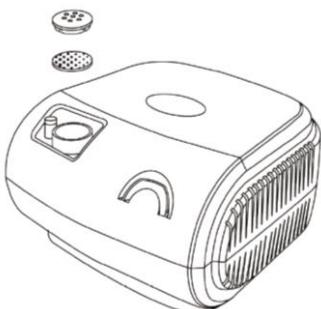


Figure 12

### 5.3 Fuse Replacement

Open the top casing, open the locking screw on the fuse, remove the old fuse, replace it with a new fuse, then put it back in as before.

### 5.4 Transportation and Storage

- Store the device in a room temperature of -20°C ~ +70°C, with ≤95% humidity, without foul smelling gas and well ventilated. The atmospheric pressure during transportation is between 800 hPa ~ 1050 hPa.
- Do not store the device with the air hose bent or squeezed and liquid in the hose.
- Keep the device away from children and pets.
- Do not store the device in a place exposed to direct sunlight, high temperature, humidity, dust or places where it is easily wet.
- Avoid placing the device on tilt and shocks.
- The transportation rules for the device must meet the regulations that are stated on the label.

## 5.5 Maintenance and Recycle

This product has a lifespan of 2 years. After passing 2 years, it must go through the scrap stage or be destroyed. Contact the manufacturer for further details.

- Devices that can no longer be used can be sent back to the company when you purchase for recycling purposes.
- Unused accessories can be sent back to the company for disposal according to rules and regulations.

## 6. Troubleshooting

Problem	Cause	Solution
The device does not turn on when the switch is in the "ON" position	Not connected to power Fuse broke up	Connect the power cable to a power source Change fuse
There is no steam nebulizer when the power is turned on	There is no medicine in the nebulizer cup Too much or too little medication in the nebulizer cup Cup nebulizer not assembled properly Incorrect installation of the nebulizer cup The hose is kinked or pinched The hose is clogged or damaged	Give the medicine to the nebulizer cup, do not exceed the maximum limit Give the drug according to the dose Check the nebulizer cup, assemble it properly Make sure the nebulizer cup is facing upwards when using it Make sure the hose is not bent or pinched Replace with a new hose
An unusual and noisy sound occurred	The device is not placed in a stable place Filter cover is not attached properly	Place the unit in a stable place Check the filter cover whether it is installed correctly
Overheating occurs	Closed ventilation holes	Check the ventilation holes on the device.
Contact the after-sales service if something goes wrong or something should have happened.		

## 7. Symbol

Symbol	Information
	Attention. read carefully this manual
	Without waterproof protection
	Class II, level of security
	Type B applied part
	Serial Number
	Power On
○	Power Off
	Keep dry
	Break easily, don't slam it
	Upside
	Moisture limit when transported
	Temperature limit when transported
	Atmospheric pressure limit when transported
	Maximum stacks of 8 stacks
	Manufacturer
	Read the manual or user manual before operation

## 8. Symbol

- Main Unit
- Power Cable
- Inhaler masks (adult and child)
- Hose
- Cup Inhaler + Close
- Mouthpiece
- Carry Bag
- Spare filter

## 9. Warranty

PT. Sindo Prima Alloy guarantees that the Mini Compressor Nebulizer PROMIST 1 is free from defective workmanship and materials for a period of (2) year from the date of purchase. Contact your dealer or more details. All inspections required to open the device must be carried out by a certified technician. Safety inspections and maintenance are carried out by personnel from the company. This warranty is limited to the original purchaser of the Mini Compressor Nebulizer PROMIST 1. Any damaged parts or assemblies will be repaired or replaced at the discretion and discretion of PT. Sindo Prima Alloy if the unit has been operated properly during the warranty period. Normal maintenance items and disposable parts are not covered under this warranty. Postage, if any, must be paid by the buyer.



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